F3 lite

SURGE PROTECTED MAINS FILTER

USER MANUAL

Thank-you for purchasing this Wychwood Audionics F3 Filter

☛ ***please read this manual carefully before use***

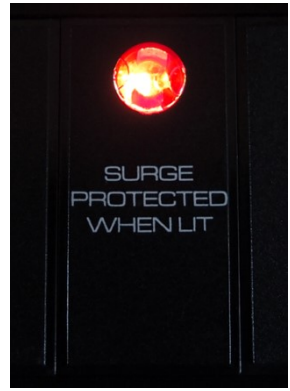
The F3 is equipped with surge protection and EMI/RFI filtration to protect you and your equipment. Its hard-wired design, star-earthed, filtered power, high current ability and grounded alloy enclosure also ensures your system always sounds its best!

It is a simple device to use – you will require a 13 amp fused IEC-terminated power lead ("kettle lead") to provide power; we recommend **Supra's LoRad** range which we can supply.

Any audio device can be plugged-in to the F3 using power leads equipped with a UK 3-pin mains plug. Each such lead must have a properly rated fuse for the appliance connected; your equipment manufacturer can advise on the appropriate rating. Each connected device should be switched-on individually once the F3 is live.

The maximum safe load connected to the F3 should not exceed 3500 Watts / 16 Amps. For reference a typical hifi system will draw between 200-1000 Watts / 1-4 Amps

Surge: The F3's surge protector is live as soon as it is plugged in and switched on at the wall. It is working as long as the indicator light is lit.
If the light is extinguished it has reached the end of its life and you should contact us to arrange replacement.
The F3 will continue to work in the meantime, but surge protection will be disabled.



EMI/RFI Filter: This is a 16 Amp rated passive device which requires no maintenance.

Sockets: these are unswitched, earthed, 13 Amp UK 3-pin types with a strong polycarbonate structure.
As with all plastics these can become brittle in sub-zero temperatures, so please use carefully in such conditions.

Power Inlet: Standard C14 10 Amp IEC type. Comments as above.

Enclosure: This is a star-earthed anodised aluminium alloy extrusion. Anodised metalwork can e scratched by sharp items, so please treat carefully.

Feet: Vibration-absorbing silicone -rubber **AcoustiFeet™** are fitted as standard to protect surfaces the unit stands on and ensure vibration is not transferred to connected equipment.

[NB: silicone rubber can have small amounts of release agents present which can sometimes mark absorbent surfaces.]

General precautions:

- Live electricity may be present inside – do not open.
- No user-serviceable parts inside – opening or modifying the unit invalidates all warranties & certifications.
- Do not use in wet conditions – for indoor, domestic A/V use only.
- Do not use wet cleaning agents or solvents - a dry cloth suffices.
- Do not overload the device.
- Do not disconnect any earth lines.
- Use only properly CE-certified power cables and appropriate fuses.
- Do not drop or shake the unit.
- Do not cover the unit or stand any heavy items upon it.
- Do not use with voltages above 275 VAC / 50-60Hz

Use other than as specified invalidates all warranties & certifications

Certification, Compliances & environmental:

- CE certified
- British Made to BS-EN9001
- RoHS & WEEE compliant
- Negligible energy use
- Compliant with: EMC 2004/108/EC, RoHS 2011/65/EU, WEEE, LVD 2006/95/EC, IEC/BS/EN 60529, BS/EN 1363-1 & 2, IEC/BS/EN 60950-1, IEC/BS/EN 60320-2-2, IEC/BS/EN 60309-, BS/EN 755-9:2008, BS/EN 10130:2006, EN 133220, IEC/BS/EN 60939, IEC/BS/EN 61009, BS 6004, IEC/BS/EN 62305, UL94 V-2, 2001/95/EC where applicable.

NB: Portable Appliance Testing / P.A.T. The Surge module & EMI/RFI filter contains components that will give a false insulation reading if tested with standard P.A.T. equipment or resistance testers.

To check insulation integrity a test voltage of 250VDC should be used. Insulation between Neutral – Earth and Live - Earth should be >200MΩ, and between Live - Neutral should be >1.0MΩ

Any questions? email : wychwood@evoaudio.uk
office hours text/call: - **07 873 180 262**

F3 design and nomenclature © Copyright Wychwood Audionics / Purité North Limited 2013-5. ® All Rights Reserved.